

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065474.D
 Acq On : 11 Jan 2021 17:44
 Operator : JC/MD
 Sample : M1038-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 00:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

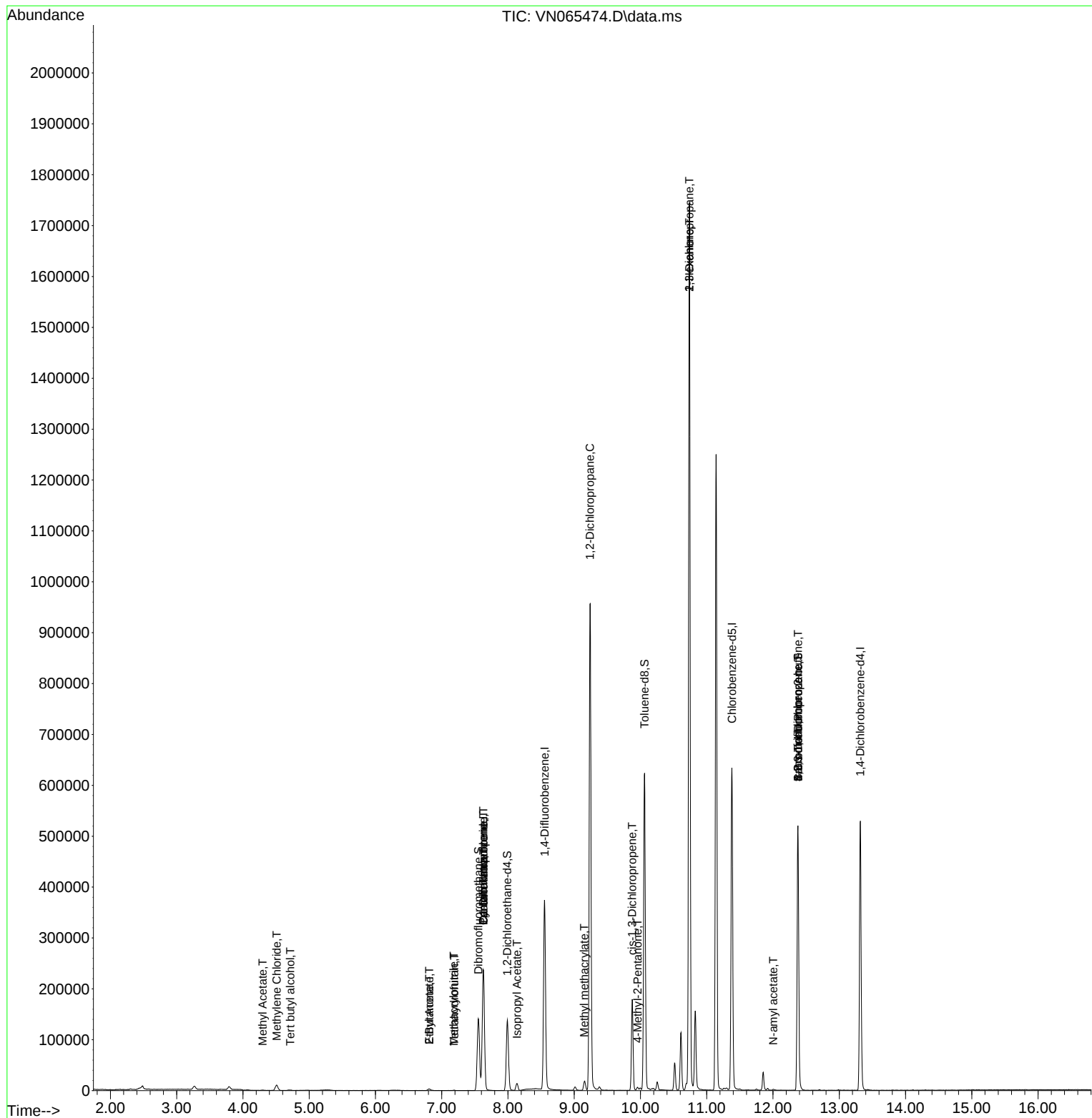
Internal Standards						
1) Pentafluorobenzene	7.627	168	218668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	360846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	393887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	163356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	119502	48.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.82%		
35) Dibromofluoromethane	7.553	113	109865	50.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.94%		
50) Toluene-d8	10.061	98	453248	55.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.10%		
62) 4-Bromofluorobenzene	12.376	95	180248	55.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.52%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.714	59	294	0.73	ug/l #	73
16) Acetone	3.791	43	8395	Below Cal		96
18) Methyl Acetate	4.296	43	1727	0.78	ug/l #	50
20) Methylene Chloride	4.508	84	8445	3.51	ug/l	96
25) 2-Butanone	6.811	43	3453	2.49	ug/l	93
29) Tetrahydrofuran	7.190	42	626	0.70	ug/l #	40
31) Cyclohexane	7.627	56	3290	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	13515	4.12	ug/l #	48
37) Ethyl Acetate	6.811	43	3453	1.06	ug/l #	66
38) Carbon Tetrachloride	7.627	117	17694	5.13	ug/l #	17
41) Methacrylonitrile	7.184	41	410	0.24	ug/l #	13
43) Isopropyl Acetate	8.135	43	17106	3.05	ug/l	98
45) 1,2-Dichloropropane	9.238	63	1068	0.42	ug/l #	43
48) Methyl methacrylate	9.151	41	4371	1.61	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	4918	1.56	ug/l #	80
54) cis-1,3-Dichloropropene	9.875	75	33079	7.60	ug/l #	61
57) 1,3-Dichloropropane	10.736	76	18770	4.67	ug/l #	42
59) 2-Hexanone	10.736	43	250427	108.09	ug/l #	49
71) Bromoform	12.376	173	871	0.32	ug/l #	1
74) N-amyl acetate	12.003	43	1652	0.33	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	85197	25.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	85197	64.46	ug/l #	15

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
Data File : VN065474.D
Acq On : 11 Jan 2021 17:44
Operator : JC/MD
Sample : M1038-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 12 00:10:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

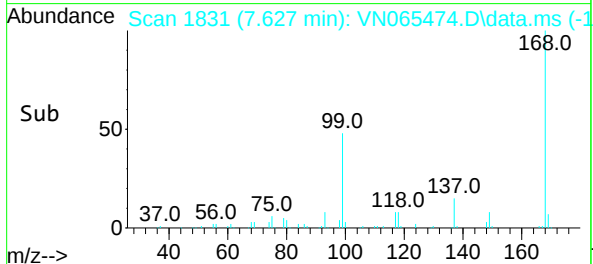
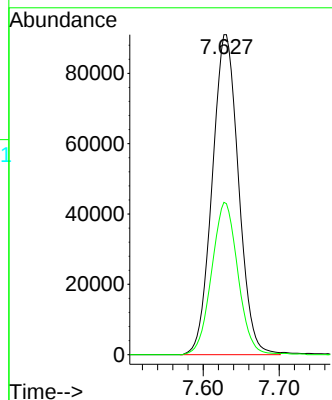
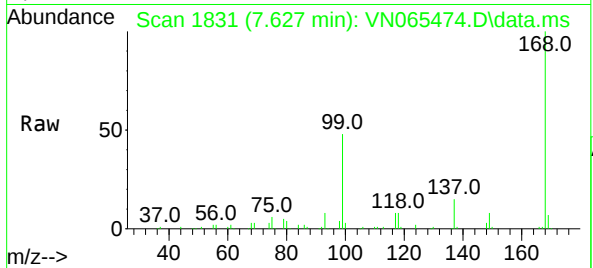




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

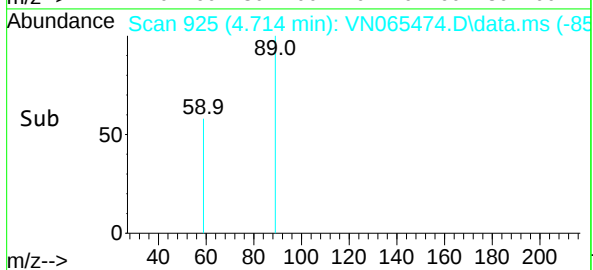
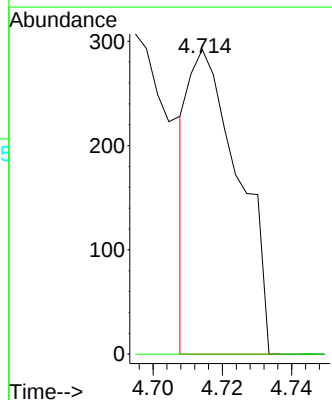
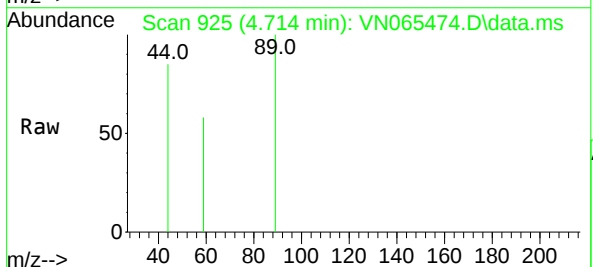
Instrument :
MSVOA_N
ClientSampled :

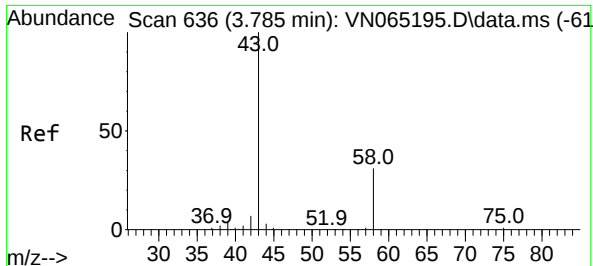
Tgt Ion:168 Resp: 218668
Ion Ratio Lower Upper
168 100
99 47.6 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.73 ug/l
RT: 4.714 min Scan# 925
Delta R.T. -0.058 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

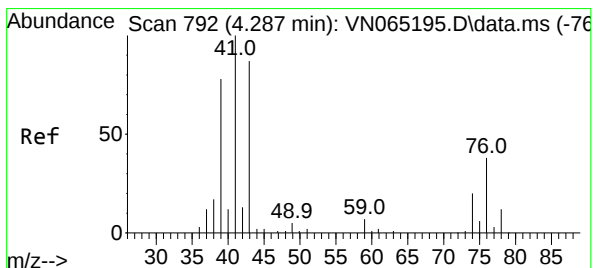
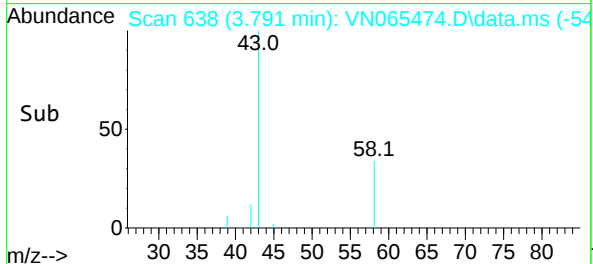
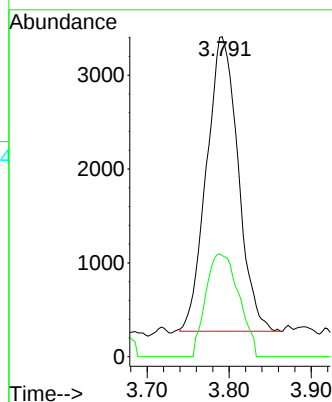
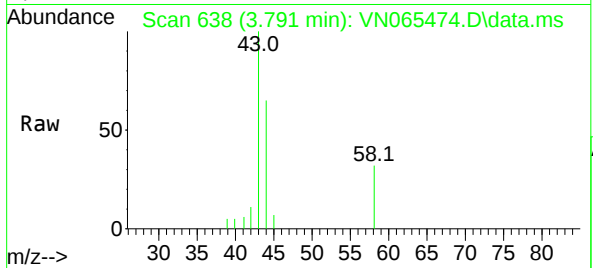




#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

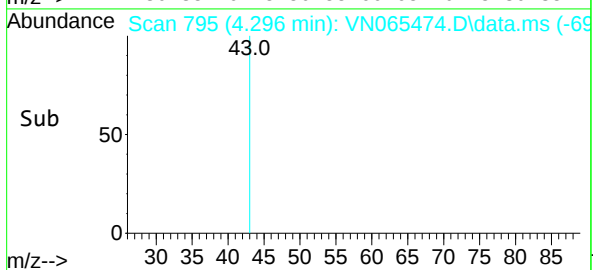
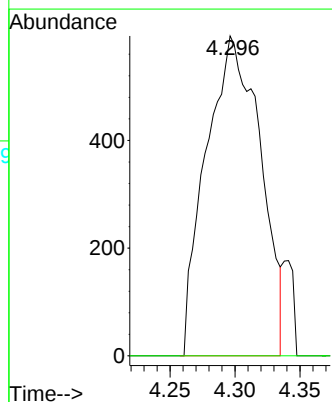
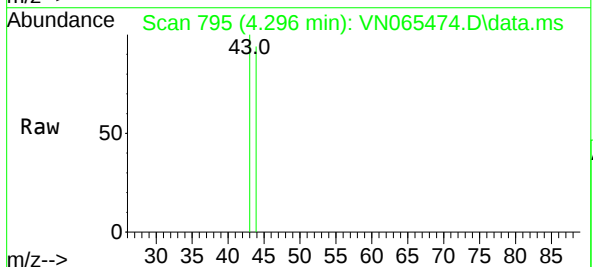
Instrument :
MSVOA_N
ClientSampled :

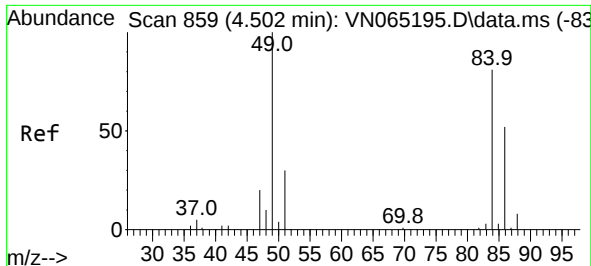
Tgt Ion: 43 Resp: 8395
Ion Ratio Lower Upper
43 100
58 34.3 25.7 38.5



#18
Methyl Acetate
Concen: 0.78 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

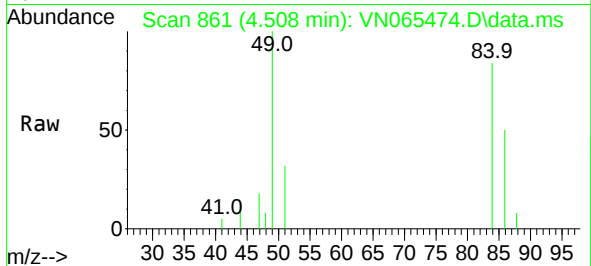
Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



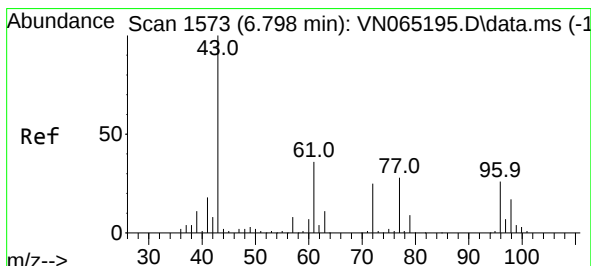
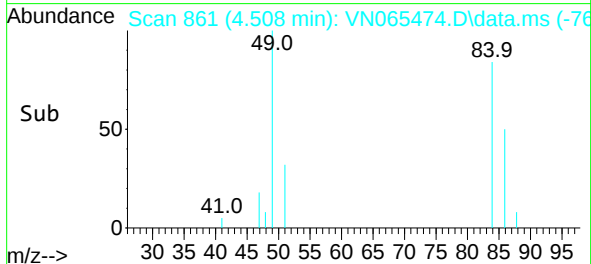
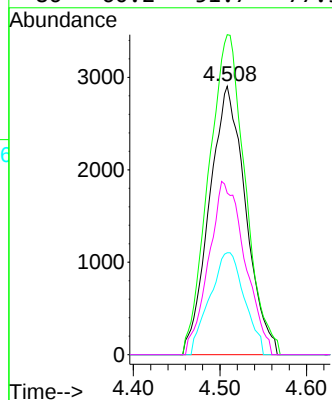


#20
Methylene Chloride
Concen: 3.51 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Instrument :
MSVOA_N
ClientSampled :

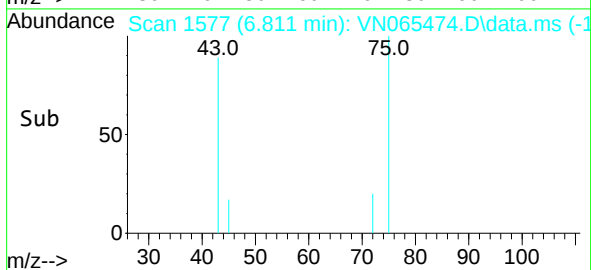
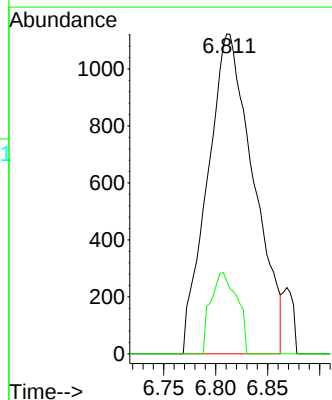
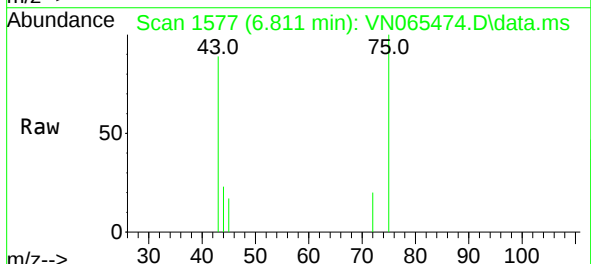


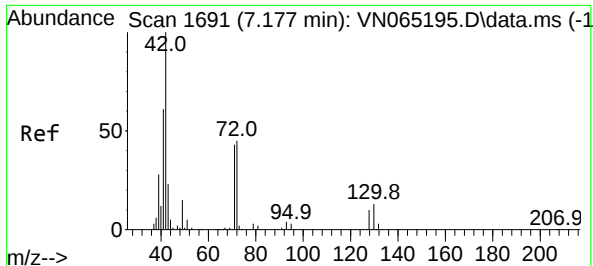
Tgt Ion:	84	Resp:	8445
Ion	Ratio	Lower	Upper
84	100		
49	119.2	93.4	140.0
51	38.0	28.2	42.4
86	60.2	51.7	77.5



#25
2-Butanone
Concen: 2.49 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion:	43	Resp:	3453
Ion	Ratio	Lower	Upper
43	100		
72	22.6	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.70 ug/l

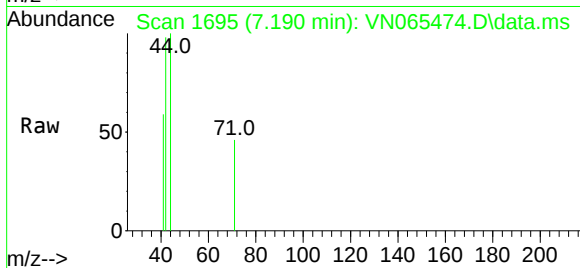
RT: 7.190 min Scan# 1695

Delta R.T. 0.013 min

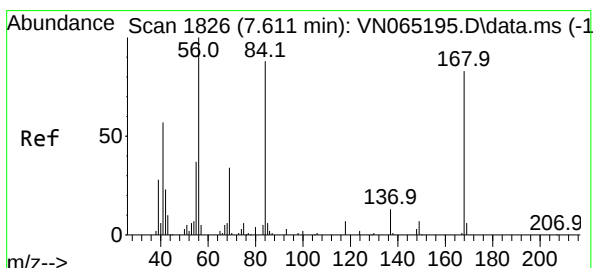
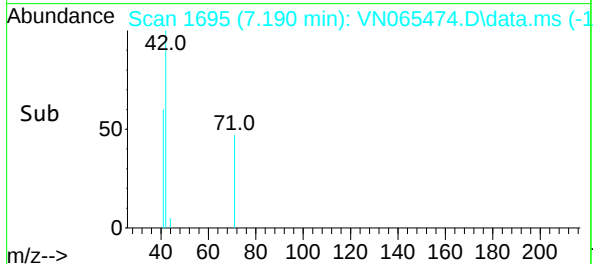
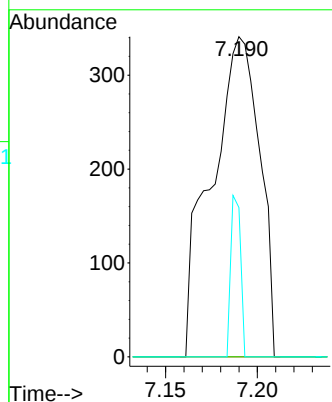
Lab File: VN065474.D

Acq: 11 Jan 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	42	Resp:	626
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	10.2	33.6	50.4#



#31

Cyclohexane

Concen: 0.90 ug/l

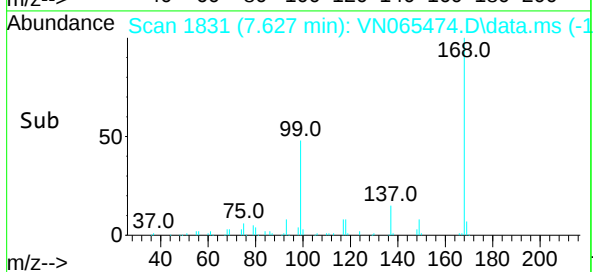
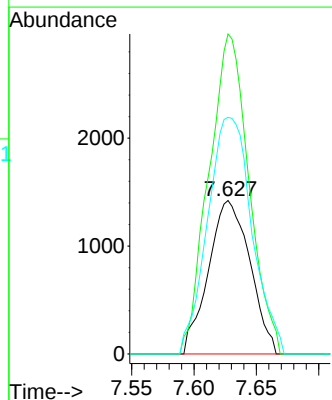
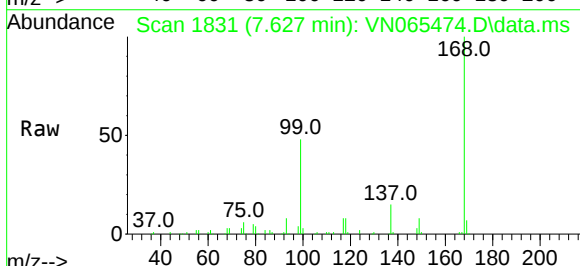
RT: 7.627 min Scan# 1831

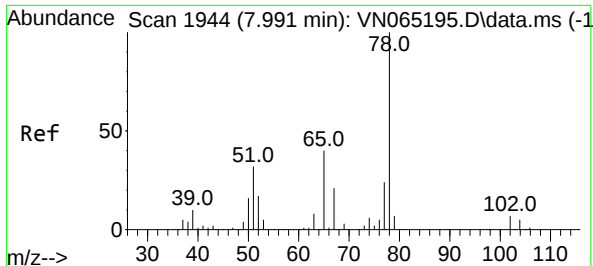
Delta R.T. 0.016 min

Lab File: VN065474.D

Acq: 11 Jan 2021 17:44

Tgt Ion:	56	Resp:	3290
Ion	Ratio	Lower	Upper
56	100		
69	208.6	27.5	41.3#
84	154.2	73.9	110.9#

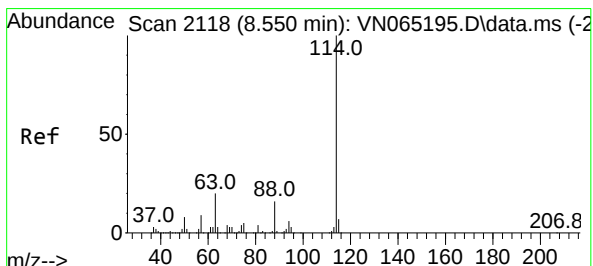
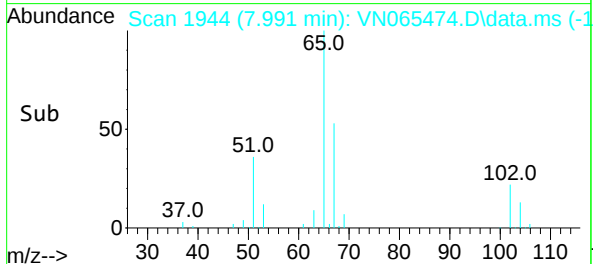
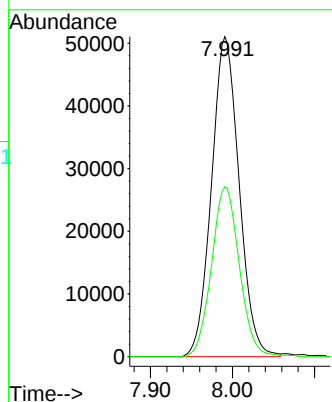
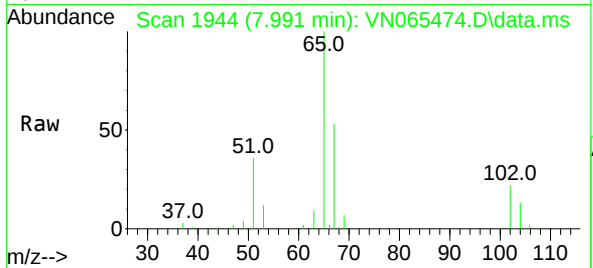




#33
1,2-Dichloroethane-d4
Concen: 48.41 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

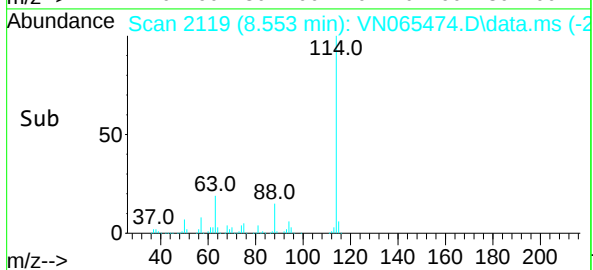
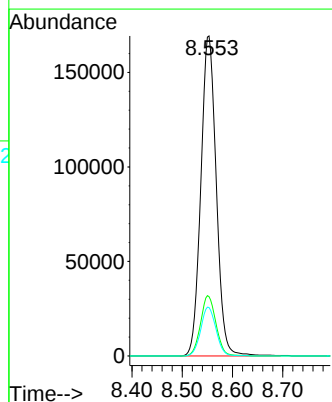
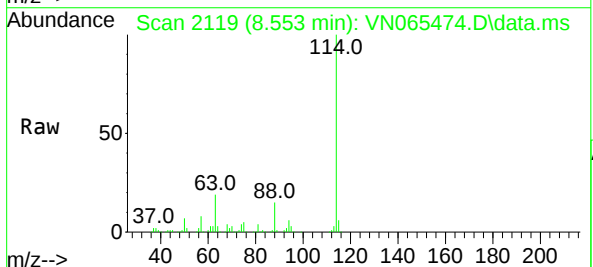
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 119502
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

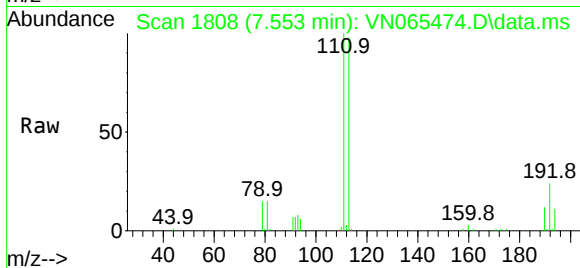
Tgt Ion: 114 Resp: 360846
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.6
88 15.2 0.0 32.6



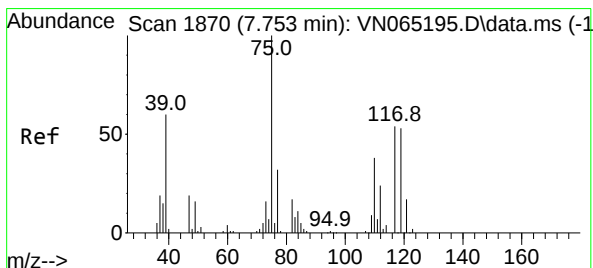
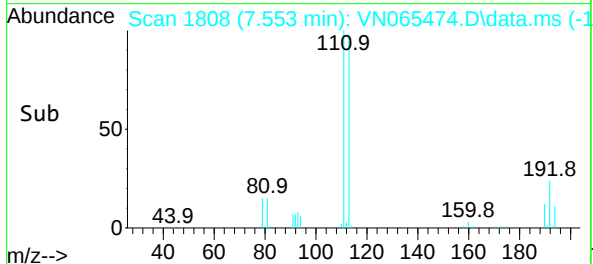
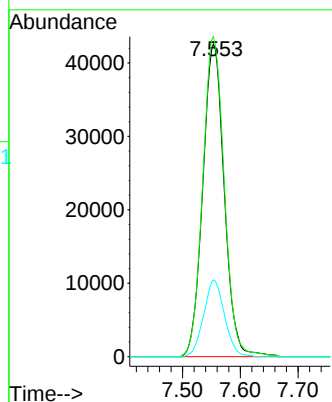


#35
Dibromofluoromethane
Concen: 50.47 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

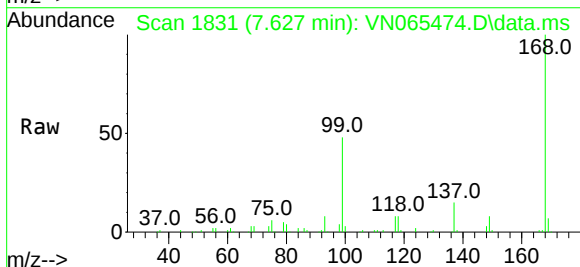
Instrument :
MSVOA_N
ClientSampled :



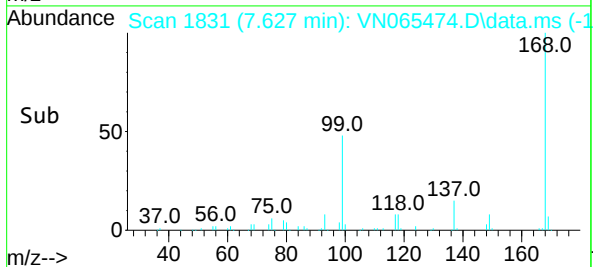
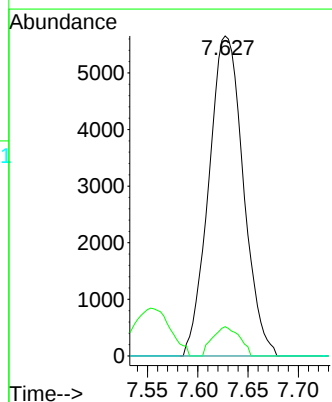
Tgt Ion:113 Resp: 109865
Ion Ratio Lower Upper
113 100
111 102.7 81.6 122.4
192 23.9 16.2 24.2

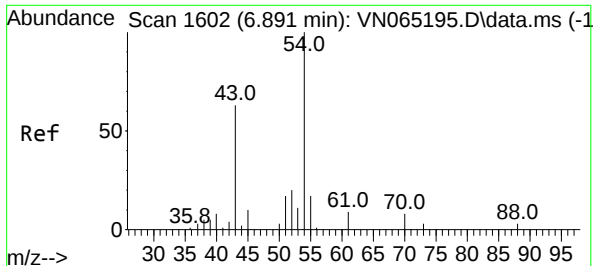


#36
1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44



Tgt Ion: 75 Resp: 13515
Ion Ratio Lower Upper
75 100
110 7.1 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.06 ug/l

RT: 6.811 min Scan# 1577

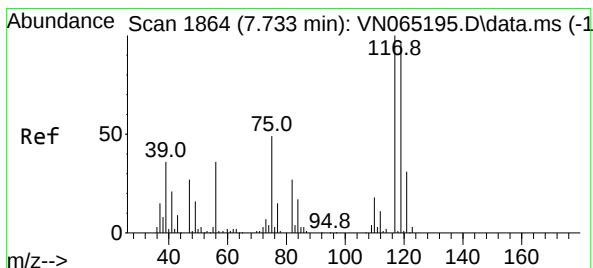
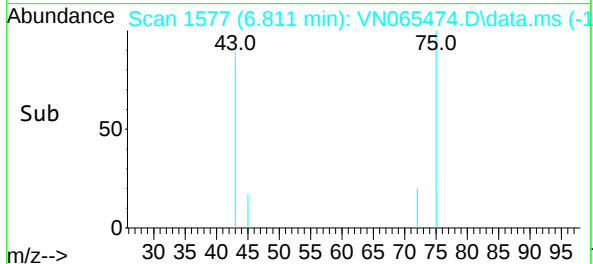
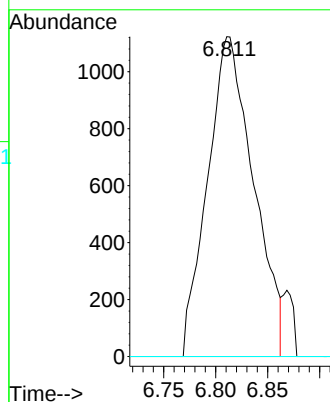
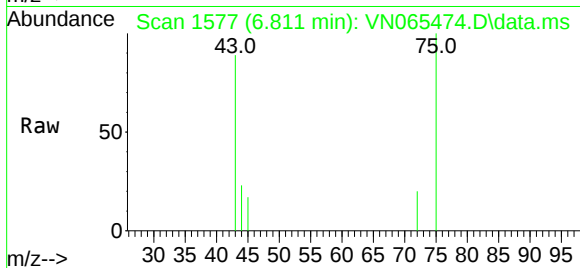
Delta R.T. -0.080 min

Lab File: VN065474.D

Acq: 11 Jan 2021 17:44

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43	Resp: 3453
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.13 ug/l

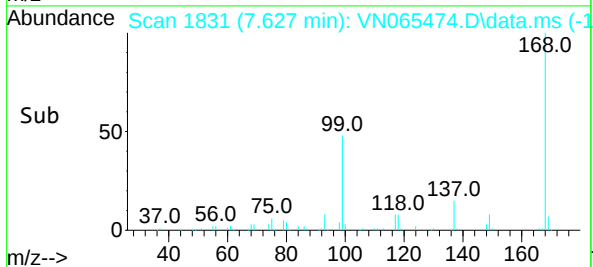
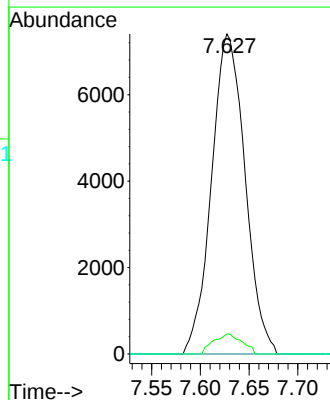
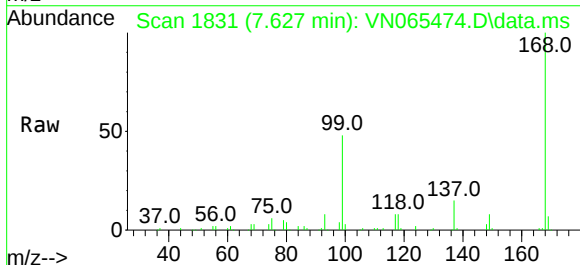
RT: 7.627 min Scan# 1831

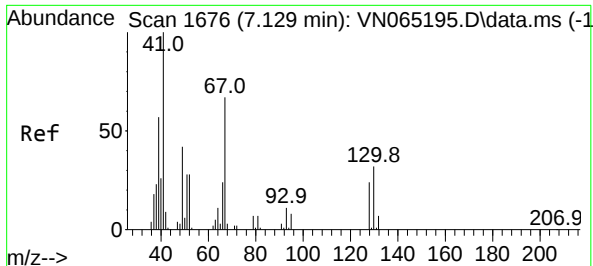
Delta R.T. -0.106 min

Lab File: VN065474.D

Acq: 11 Jan 2021 17:44

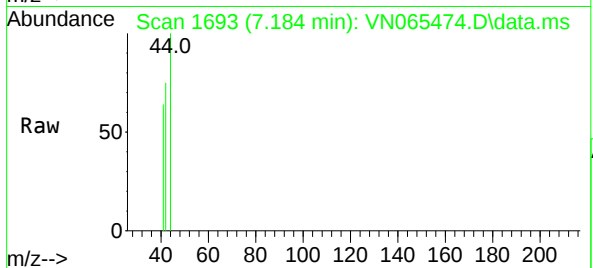
Tgt Ion:117	Resp:	17694	
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.7	115.1#
121	0.0	25.4	38.2#



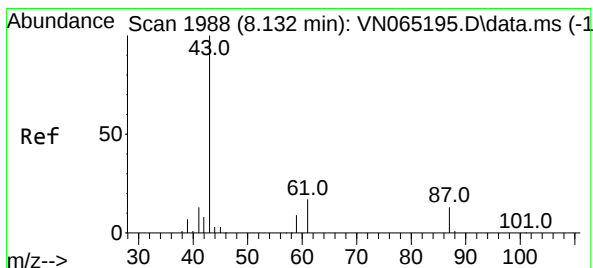
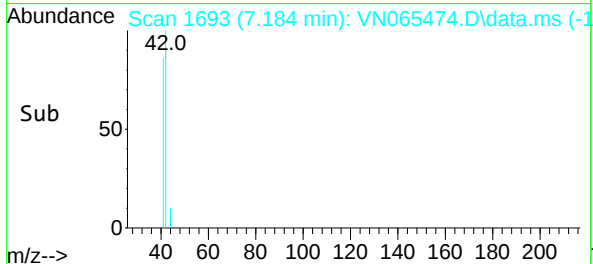
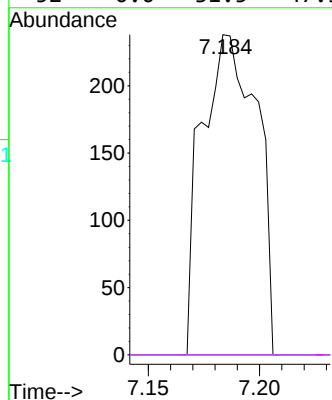


#41
Methacrylonitrile
Concen: 0.24 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.055 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

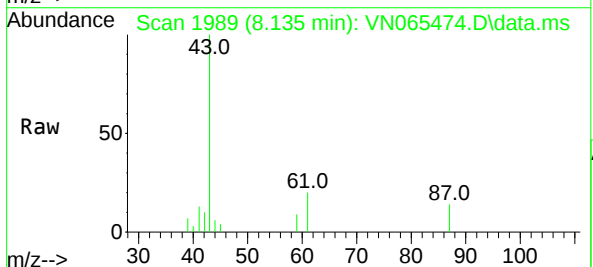
Instrument :
MSVOA_N
ClientSampled :



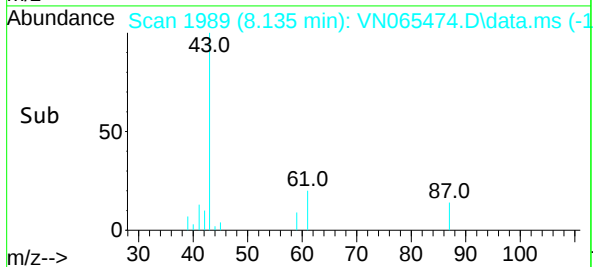
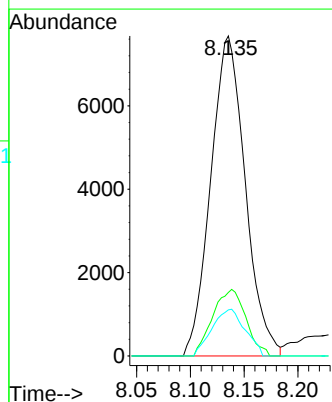
Tgt Ion: 41	Resp: 410
Ion Ratio	Lower Upper
41 100	
39 0.0	51.0 76.6#
67 0.0	79.8 119.8#
52 0.0	31.5 47.3#

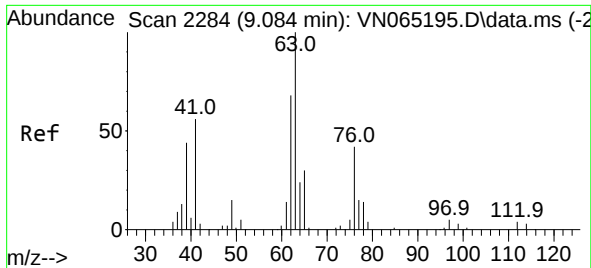


#43
Isopropyl Acetate
Concen: 3.05 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44



Tgt Ion: 43	Resp: 17106		
Ion Ratio	Lower	Upper	
43 100			
61 20.1	17.2	25.8	
87 14.0	11.4	17.0	

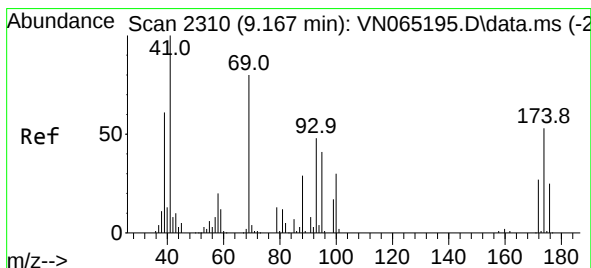
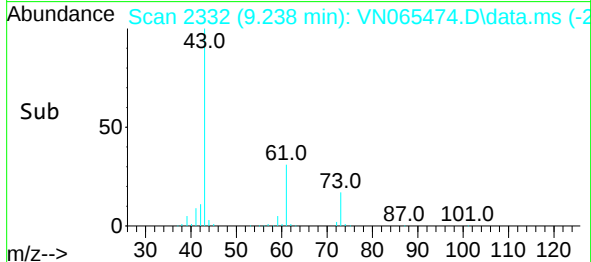
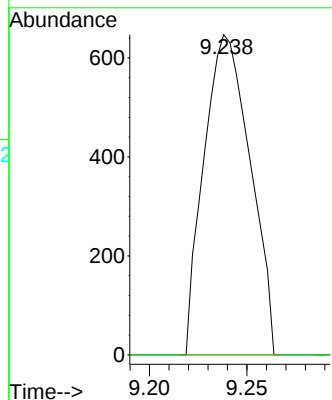
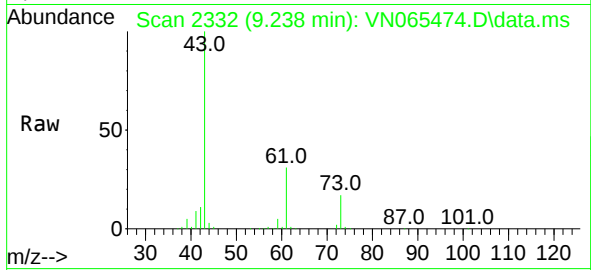




#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

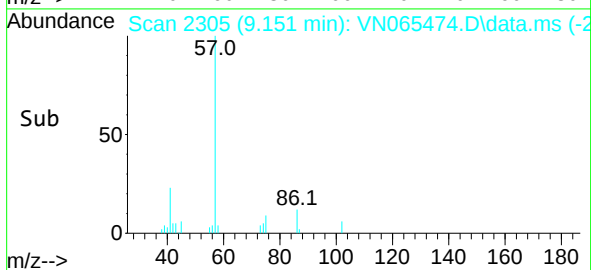
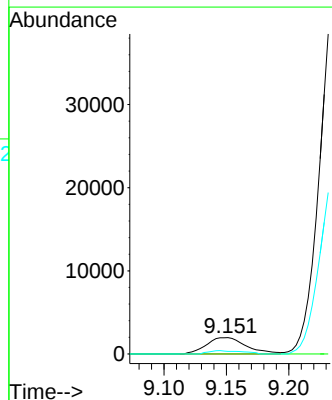
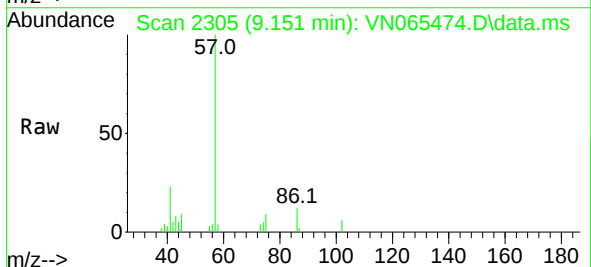
Instrument :
MSVOA_N
ClientSampled :

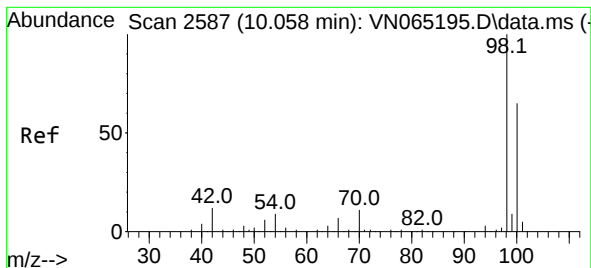
Tgt Ion: 63 Resp: 1068
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.61 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion: 41 Resp: 4371
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

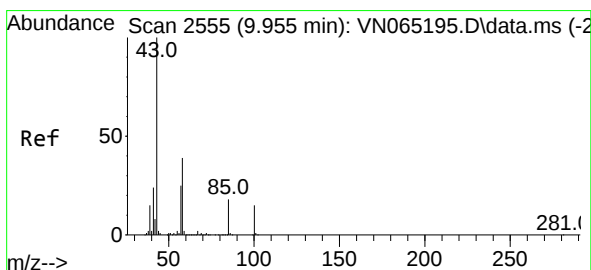
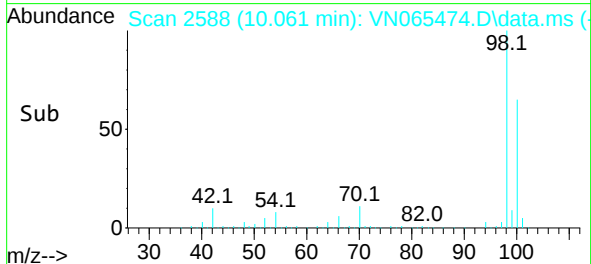
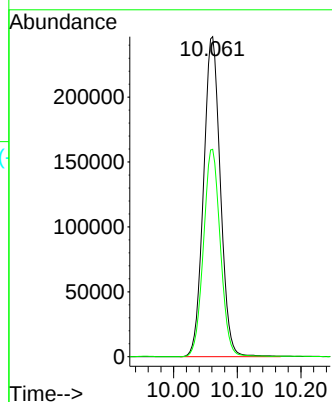
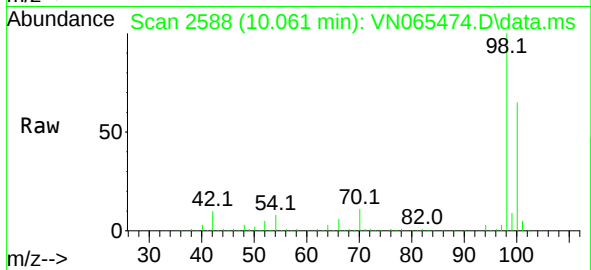




#50
Toluene-d8
Concen: 55.55 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

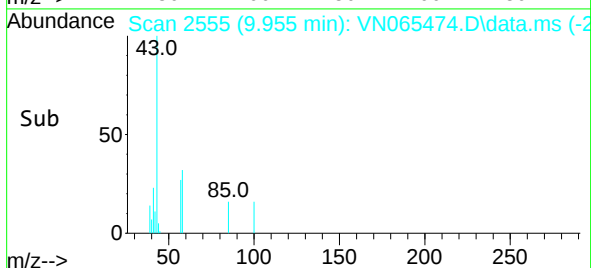
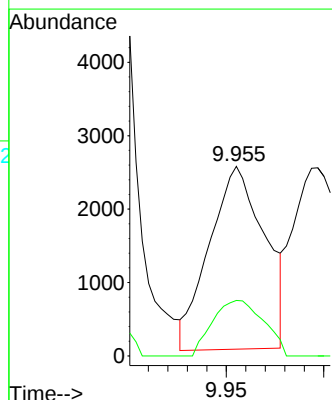
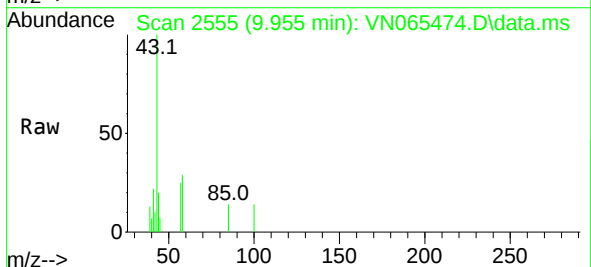
Instrument :
MSVOA_N
ClientSampled :

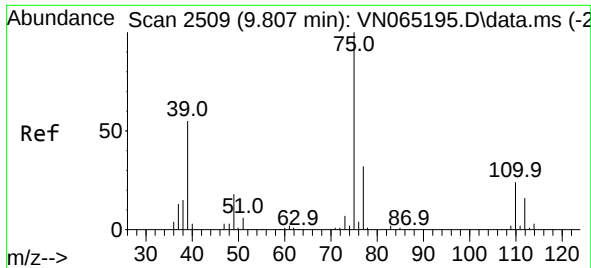
Tgt Ion: 98 Resp: 453248
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.56 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion: 43 Resp: 4918
Ion Ratio Lower Upper
43 100
58 28.1 32.4 48.6#

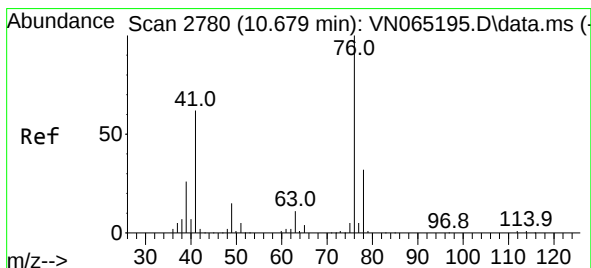
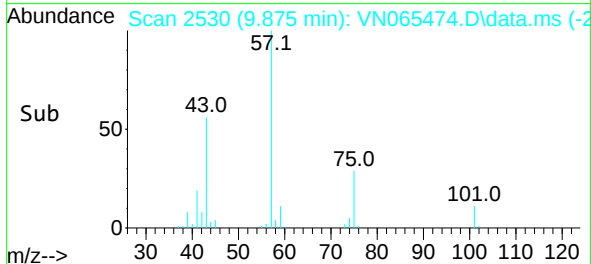
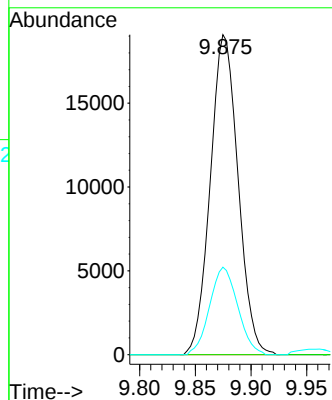
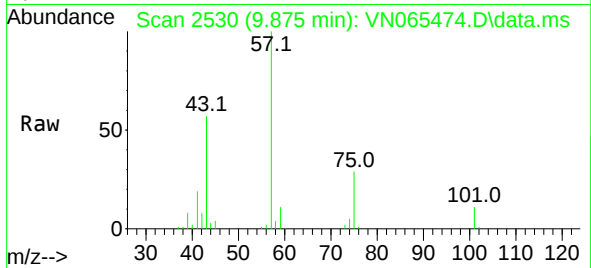




#54
cis-1,3-Dichloropropene
Concen: 7.60 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

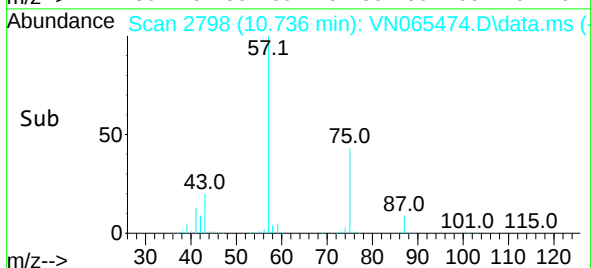
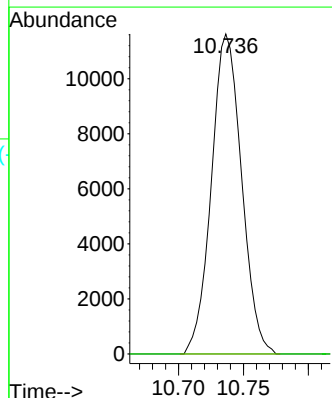
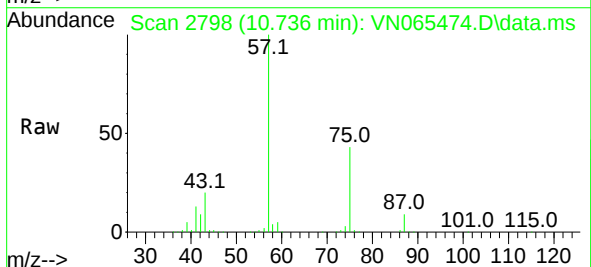
Instrument :
MSVOA_N
ClientSampled :

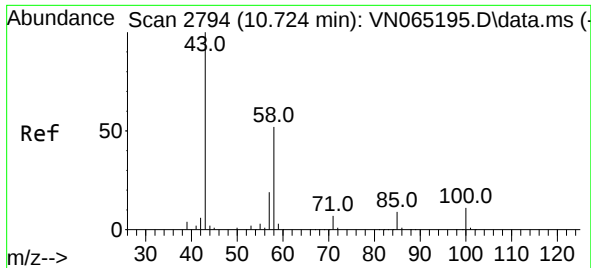
Tgt Ion: 75 Resp: 33079
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 27.3 35.6 53.4#



#57
1,3-Dichloropropane
Concen: 4.67 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion: 76 Resp: 18770
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

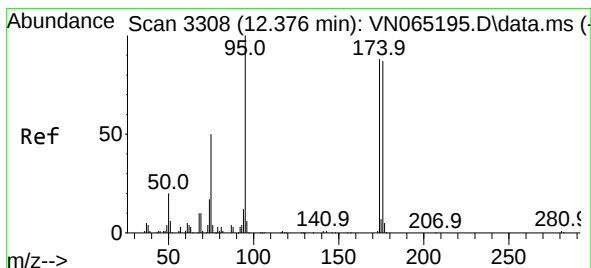
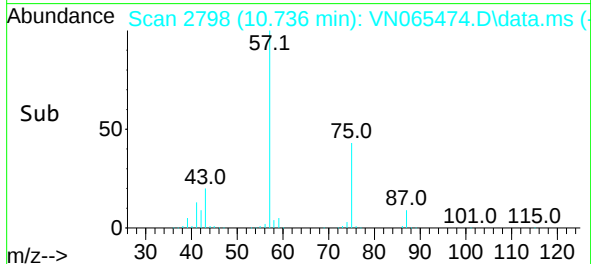
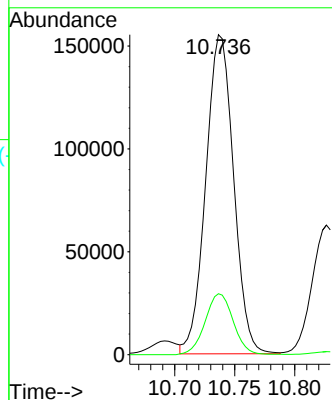
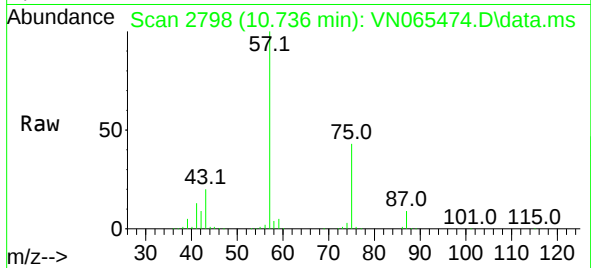




#59
2-Hexanone
Concen: 108.09 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

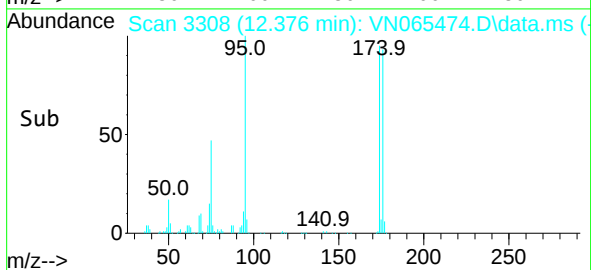
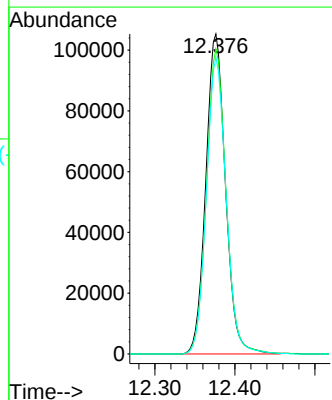
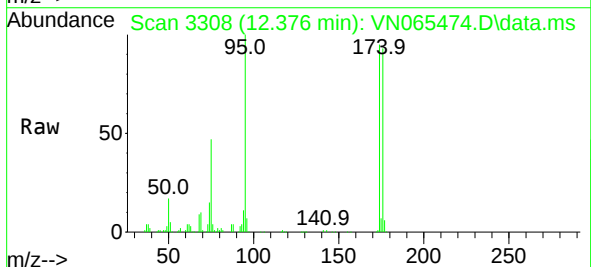
Instrument :
MSVOA_N
ClientSampleId :

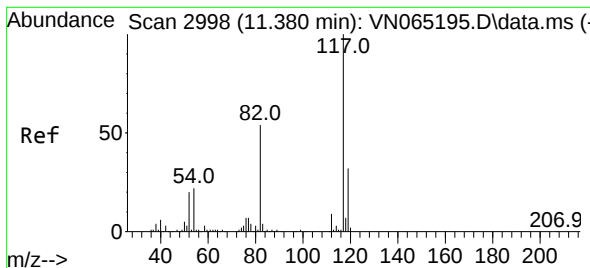
Tgt Ion: 43 Resp: 250427
Ion Ratio Lower Upper
43 100
58 19.3 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.26 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion: 95 Resp: 180248
Ion Ratio Lower Upper
95 100
174 95.2 0.0 160.4
176 92.7 0.0 158.4

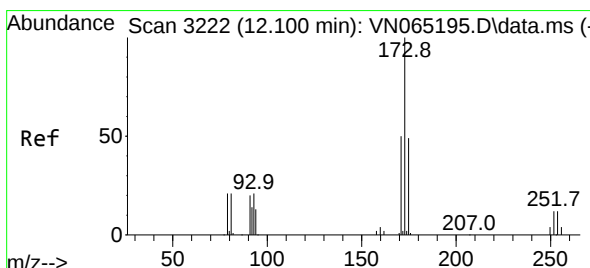
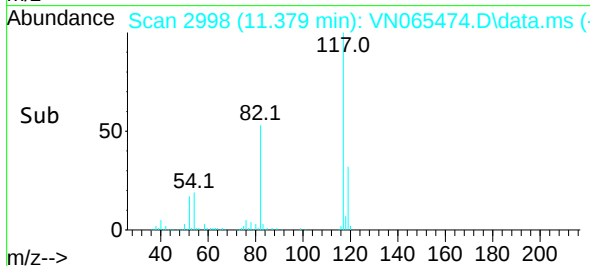
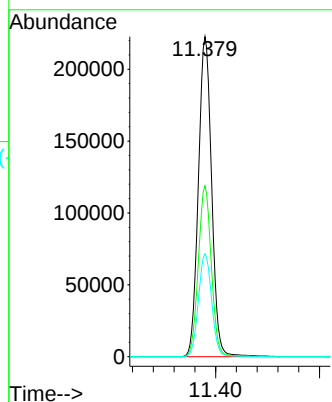
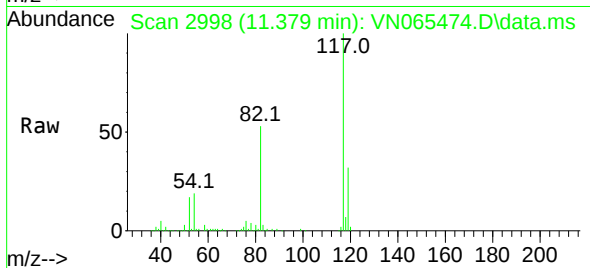




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

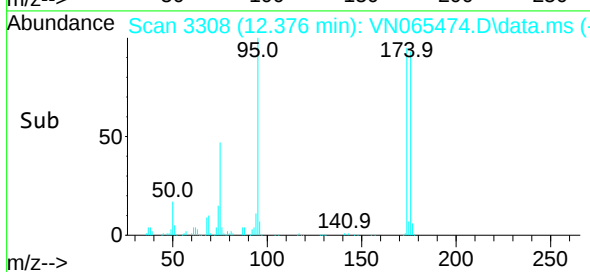
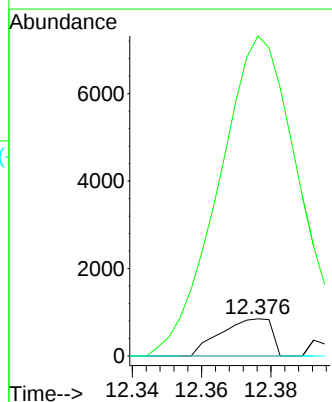
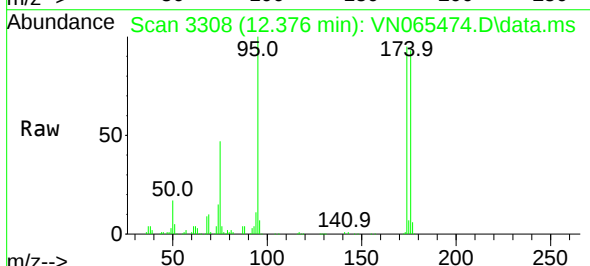
Instrument :
MSVOA_N
ClientSampled :

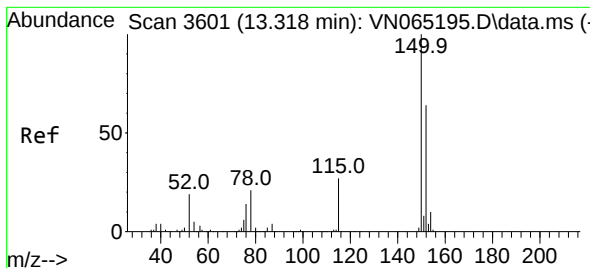
Tgt Ion:117 Resp: 393887
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.32 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion:173 Resp: 871
Ion Ratio Lower Upper
173 100
175 1138.6 24.3 72.8#
254 0.0 0.0 0.0

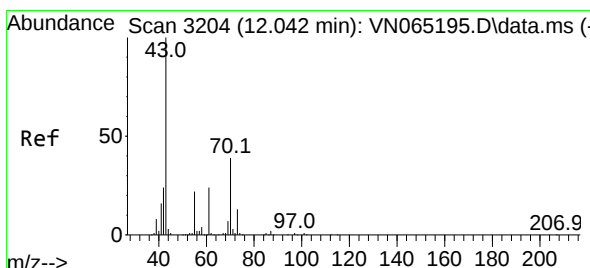
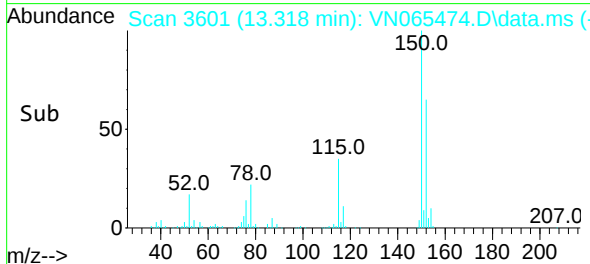
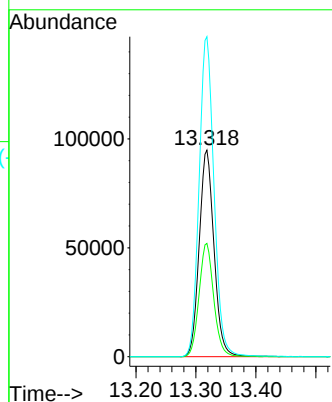
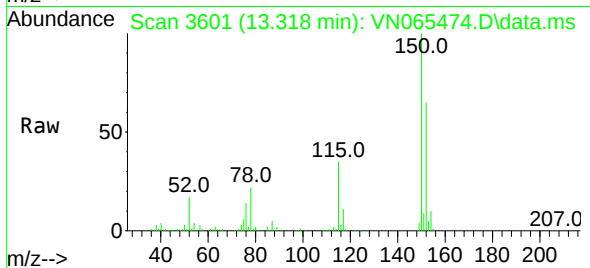




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

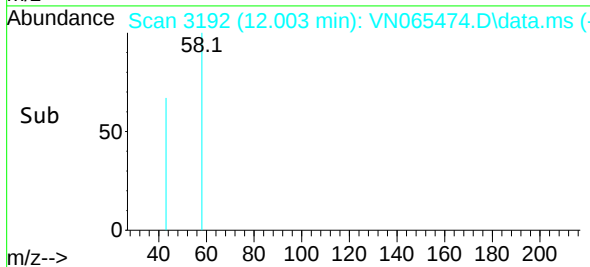
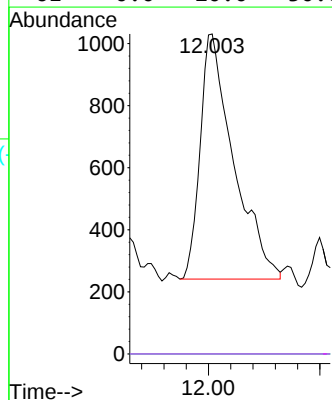
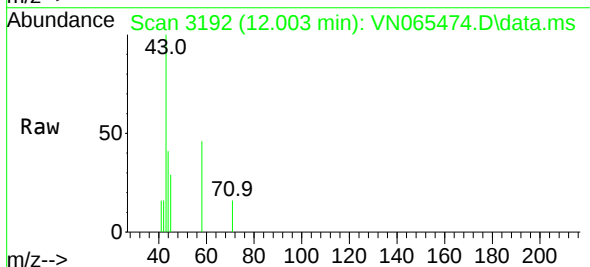
Instrument :
MSVOA_N
ClientSampled :

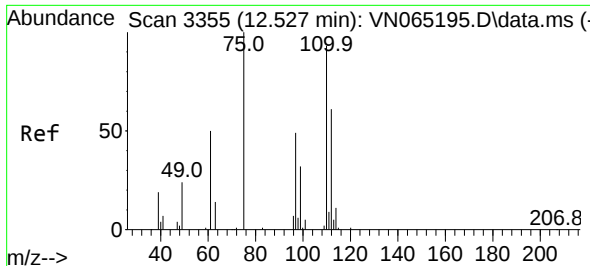
Tgt Ion:152 Resp: 163356
Ion Ratio Lower Upper
152 100
115 54.4 29.7 89.1
150 156.0 0.0 350.6



#74
N-ethyl acetate
Concen: 0.33 ug/l
RT: 12.003 min Scan# 3192
Delta R.T. -0.039 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#

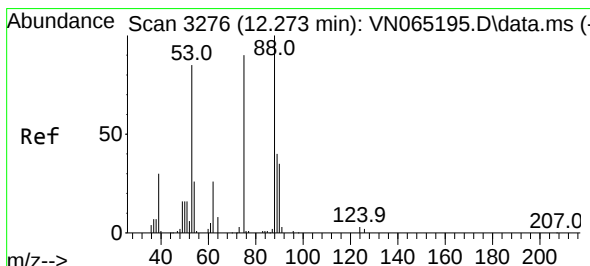
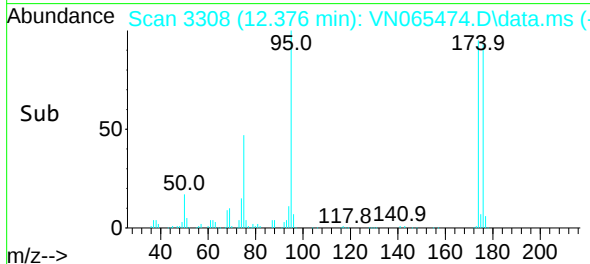
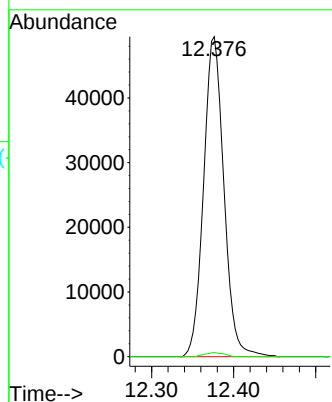
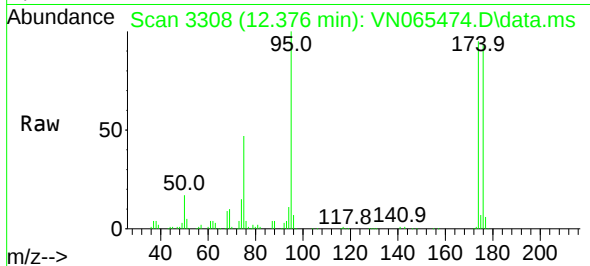




#76
1,2,3-Trichloropropane
Concen: 25.56 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 85197
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.46 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065474.D
Acq: 11 Jan 2021 17:44

Tgt Ion: 75 Resp: 85197
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

